

Soltellus™ 2400L

A Biodegradable Scale & Corrosion Inhibitor that is
Crucial for Maintaining Equipment Integrity & Minimizing Downtime

Overview

Introducing Soltellus™ 2400L polymer, a biodegradable scale and corrosion inhibitor designed to provide effective protection in industrial cooling. With Soltellus, you can safeguard equipment, enhance performance, and contribute to a greener future.

Soltellus 2400L Key Features and Benefits

SUPERIOR CORROSION AND SCALE PROTECTION

Offers 2-for-1 scale and corrosion protection at low dosages and includes iron and magnesium chelation, reducing downtime and maintenance costs.

ECONOMICAL

An affordable alternative to leading industry scale and corrosion inhibitors, minimizing the need for frequent replacements and reducing operational expenses.

MULTI-APPLICATION COMPATIBILITY

Suitable for industrial cooling, offering versatility and ease of implementation across various water treatment systems while complying with relevant regulations.

BIODEGRADABLE & NON-TOXIC

Ensures the safety of operators, nearby ecosystems, and the environment with no phosphorus release while maintaining peak performance.

ENHANCED EFFICIENCY

Optimizes water flow, improving energy efficiency and reducing the overall carbon footprint.

EASY INTEGRATION

Compatible with existing water treatment systems, and can be seamlessly integrated into your current processes without requiring extensive modifications or disrupting existing coatings.

29%

Up to 29% Reduction in
Maintenance Costs⁺

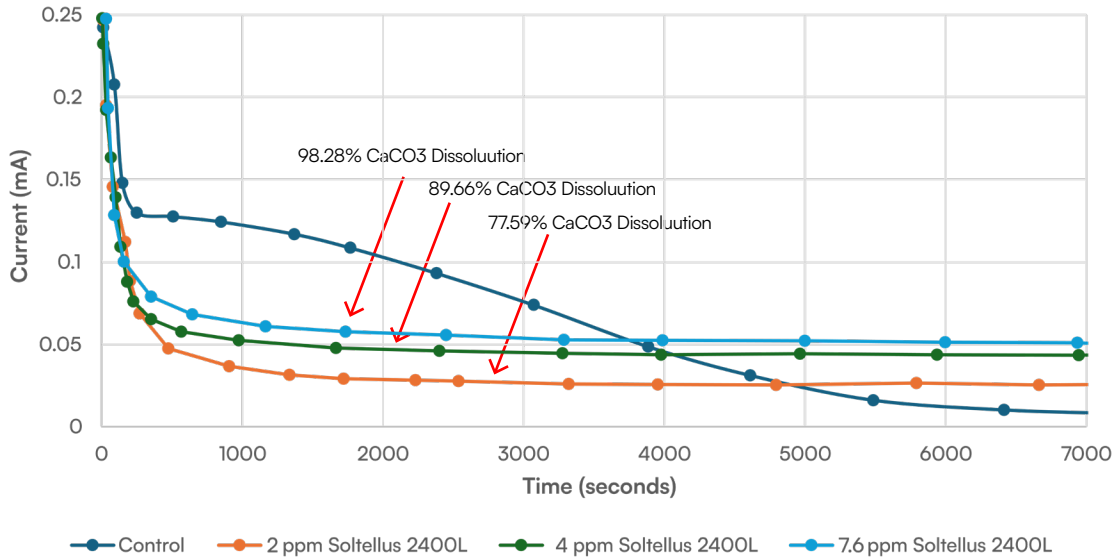
>80%

Resistance to Corrosion in
High Concentrations^{*}

⁺Demonstrated by a leading water treatment solutions provider case study.

Proven Results as a Corrosion Inhibitor with Scale Dissolution Properties

Third-party Chronoamperometric Tests were conducted on a control and Soltellus at very low dosages. Soltellus exhibited steep corrosion inhibition and formed a protective barrier at an active dose of 2 ppm, effectively controlling corrosion. In parallel, calcium carbonate scale discs were used to measure dissolution over time, which showed an increase in dissolution with an increase in dosage.



Third-party Rotating Cylinder Electrode (RCE) Tests were conducted with a synthesized high-concentration brine mimicking downhole Permian water. Soltellus achieved an effective corrosion efficiency rate as low as 3.8 ppm active dose and a high corrosion efficiency of 82% at a 38 ppm dose.

